

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100987.D
 Acq On : 29 Nov 2017 19:25
 Operator : SJ/JU
 Sample : I6306-03 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 23:43:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

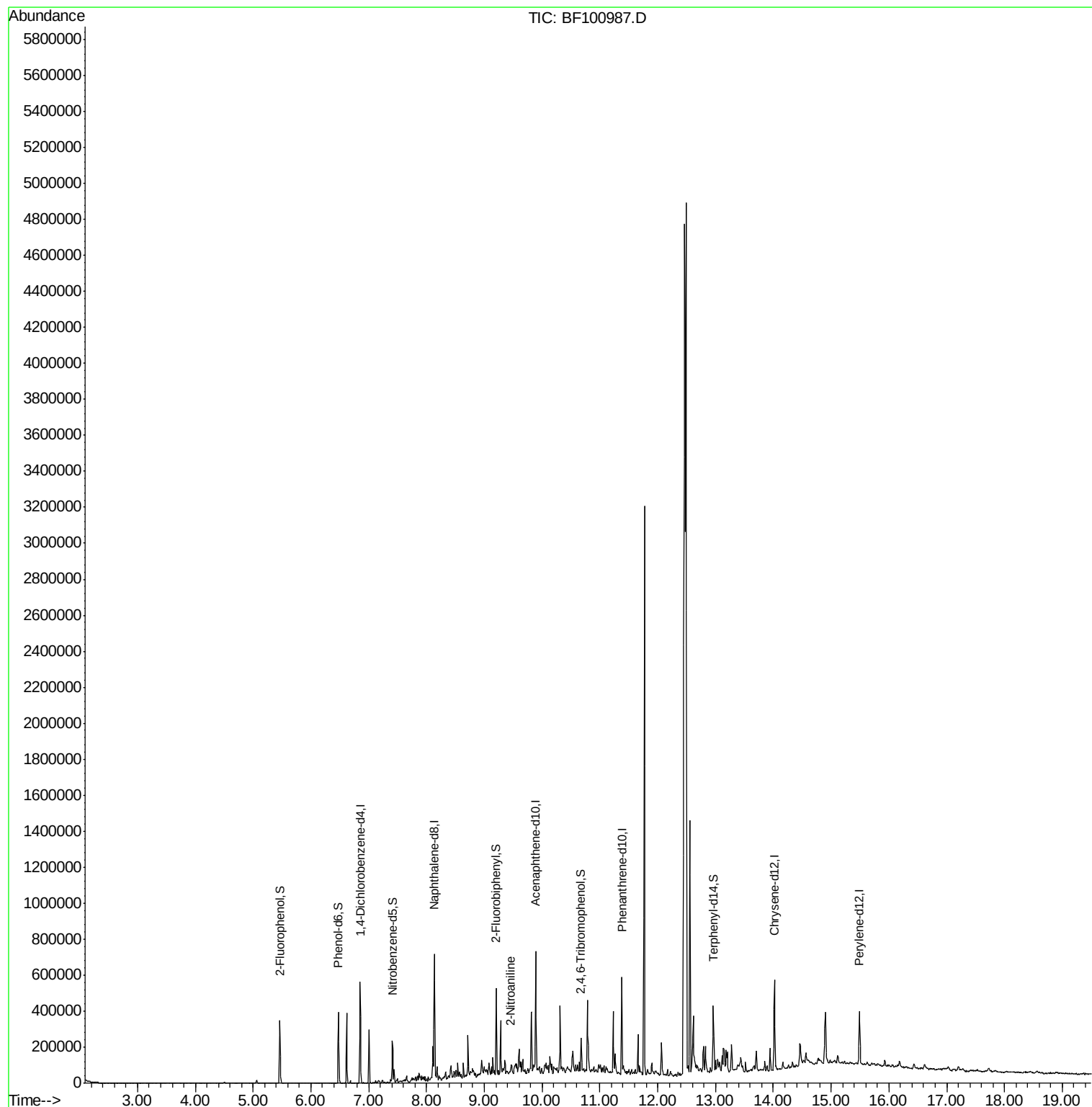
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	77516	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	295144	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	121689	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	187421	20.00	ng	0.00
75) Chrysene-d12	14.02	240	155814	20.00	ng	0.00
86) Perylene-d12	15.49	264	117167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	93073	19.25	ng	-0.01
7) Phenol-d6	6.47	99	113119	18.97	ng	-0.02
23) Nitrobenzene-d5	7.41	82	65491	14.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	22670	18.28	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	140331	17.56	ng	-0.01
78) Terphenyl-d14	12.96	244	99012	14.60	ng	0.00
Target Compounds						
47) 2-Nitroaniline	9.45	65	124	2.836	ng	Qvalue # 17

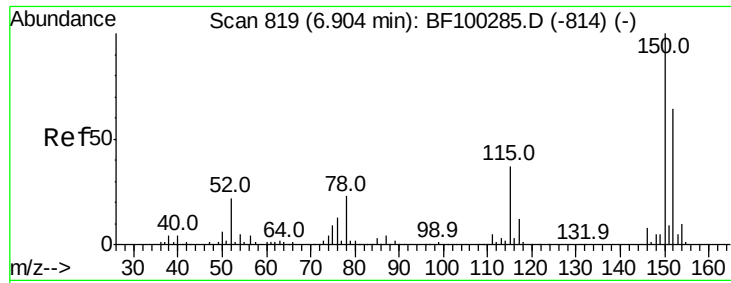
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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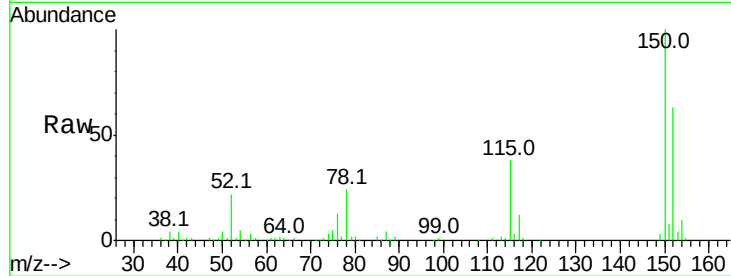


#1

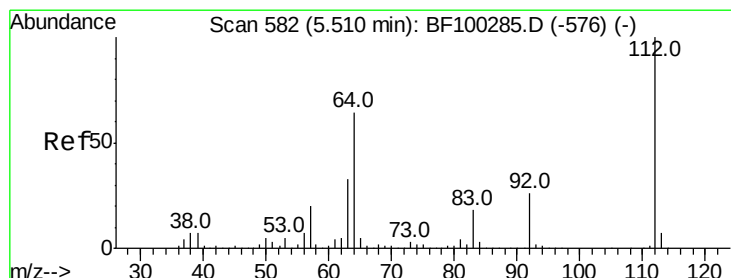
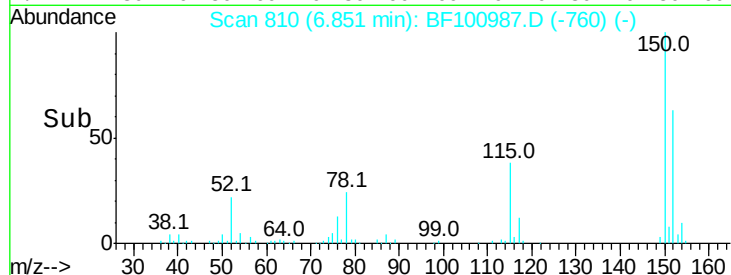
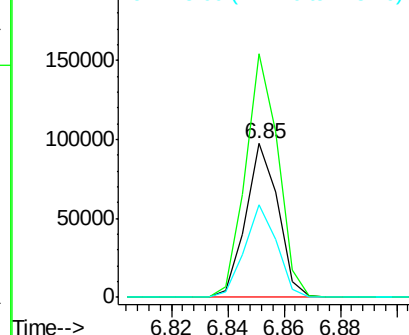
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100987.D
Acq: 29 Nov 2017 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77516
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 60.5 50.1 75.1



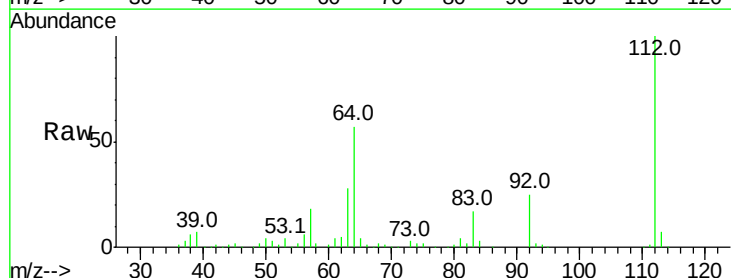
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



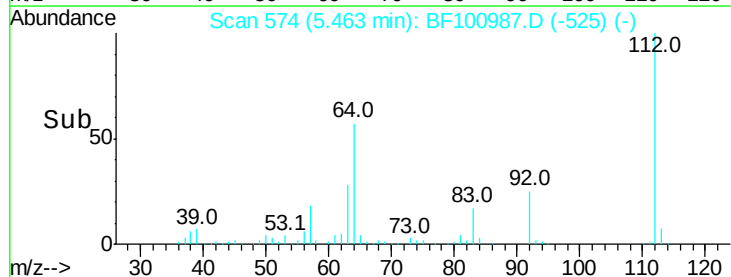
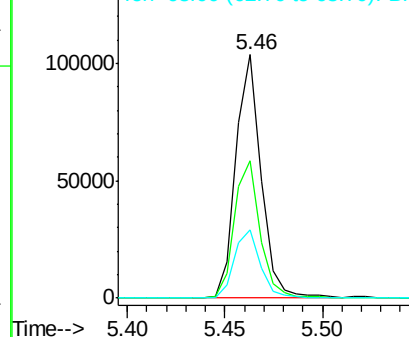
#5

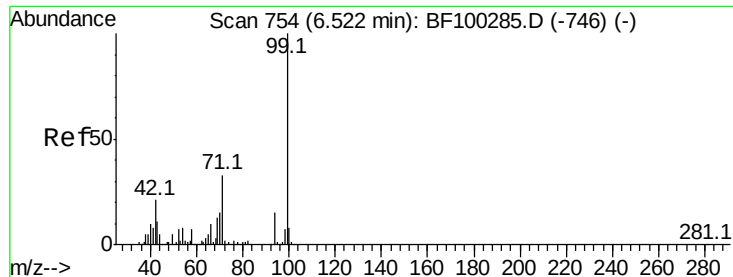
2-Fluorophenol
Concen: 19.247 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100987.D
Acq: 29 Nov 2017 19:25

Tgt Ion:112 Resp: 93073
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 18.970 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF100987.D

Acq: 29 Nov 2017 19:25

Instrument :

BNA_F

ClientSampleId :

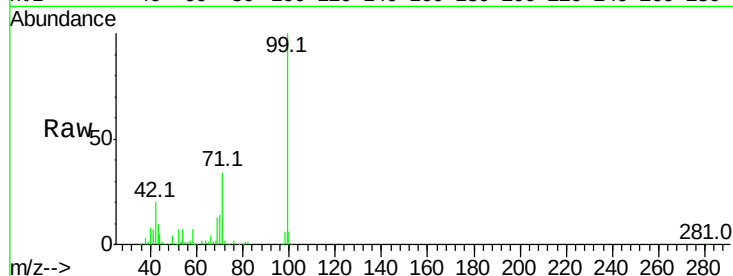
Tot Ion: 99 Resp: 113119

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

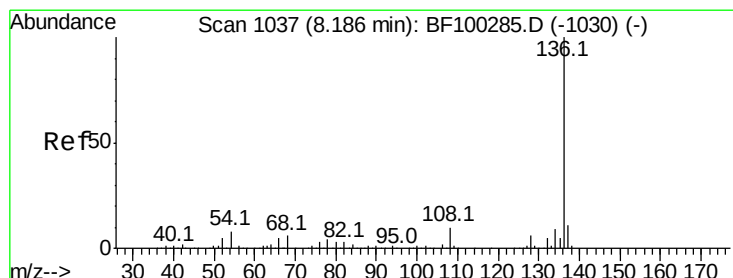
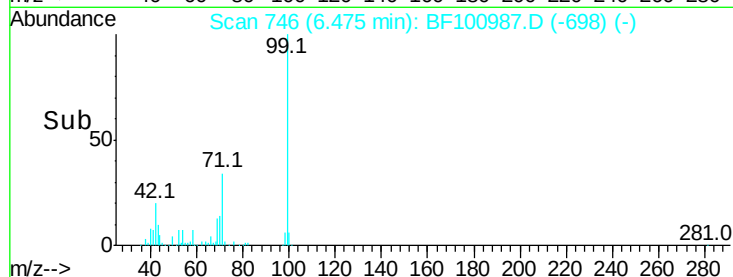
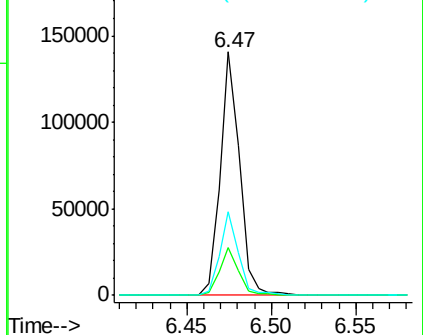
71 34.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF100987.D

Acq: 29 Nov 2017 19:25

Tgt Ion: 136 Resp: 295144

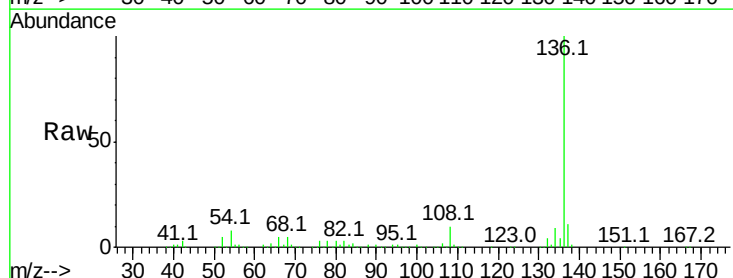
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.3 6.6 9.8

68 5.0 5.0 7.4

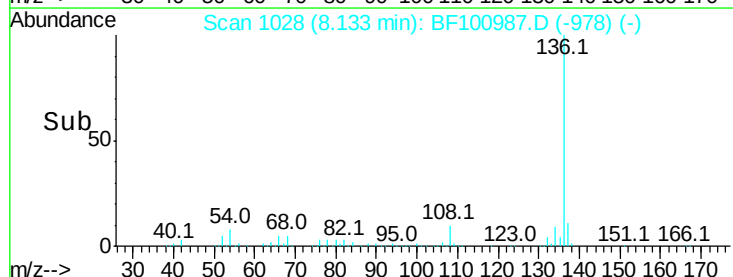
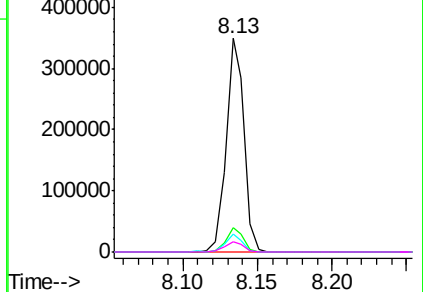


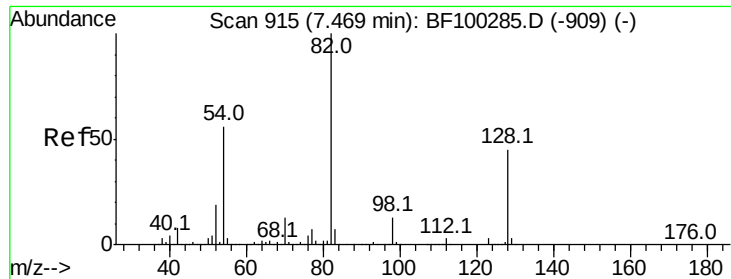
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

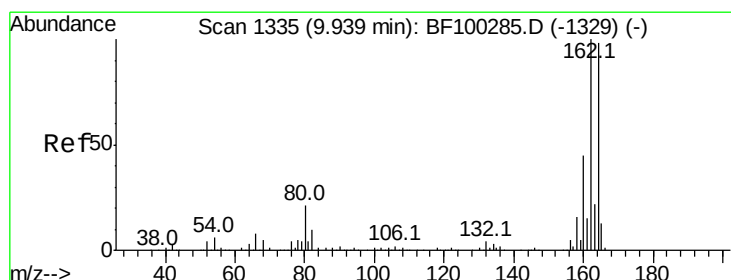
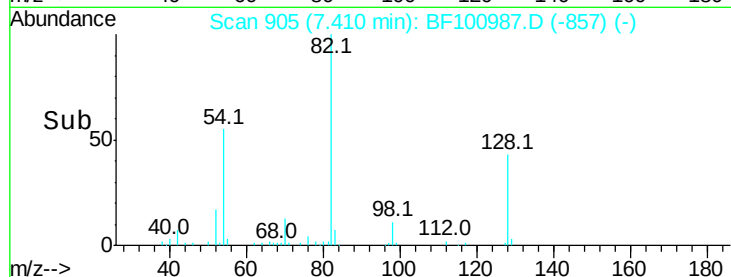
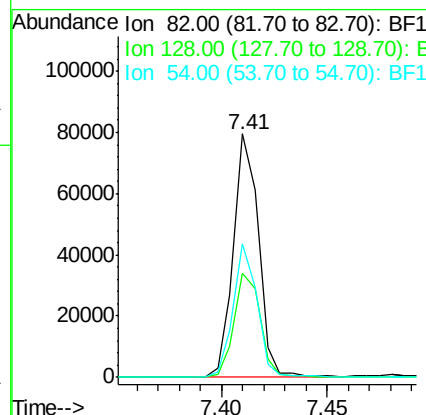
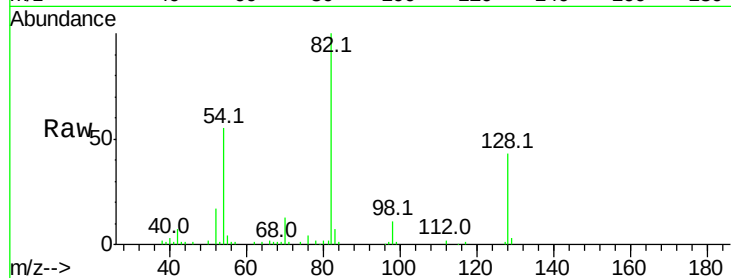




#23
 Nitrobenzene-d5
 Concen: 14.670 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF100987.D
 Acq: 29 Nov 2017 19:25

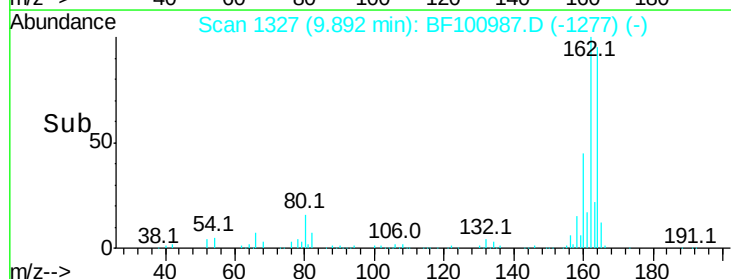
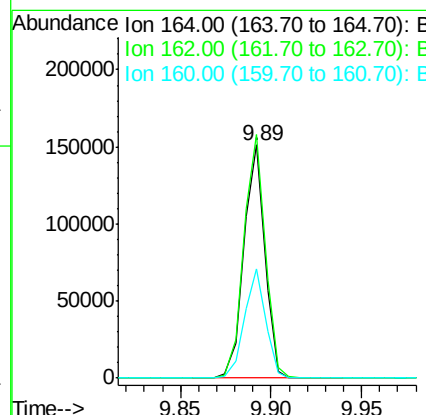
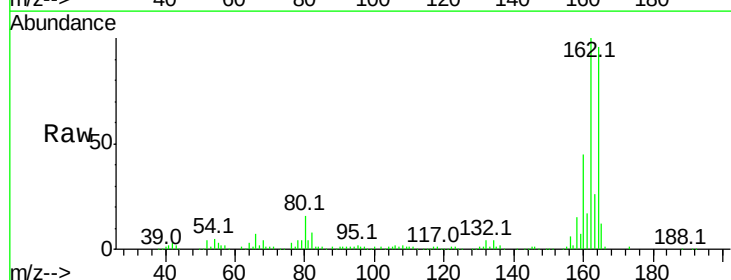
Instrument :
 BNA_F
 ClientSampled :

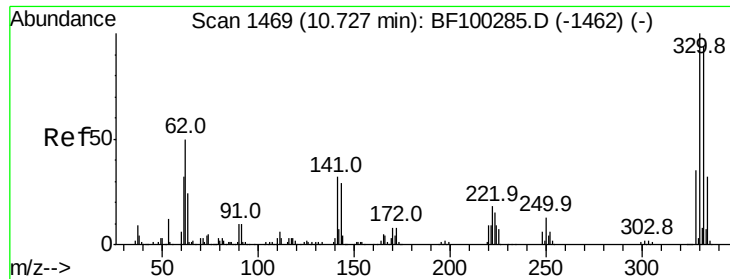
Tot Ion	82	Resp	65491
Ion Ratio	100	Lower	Upper
128	42.7	36.1	54.1
54	55.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100987.D
 Acq: 29 Nov 2017 19:25

Tgt Ion	164	Resp	121689
Ion Ratio	100	Lower	Upper
162	104.4	86.1	129.1
160	46.9	38.3	57.5

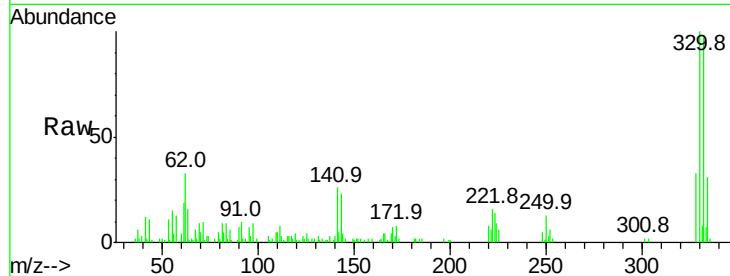




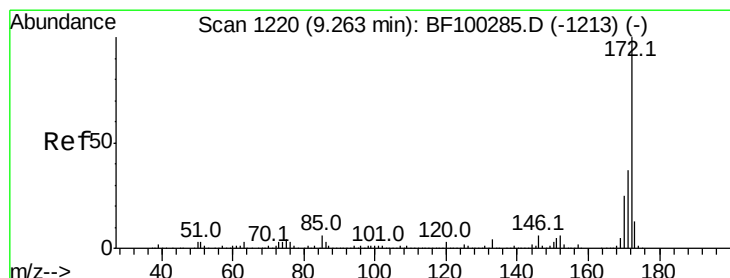
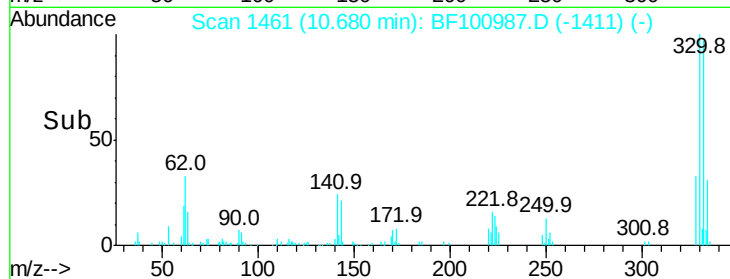
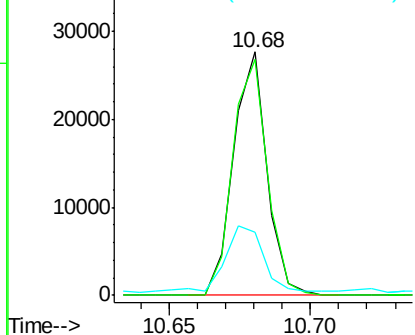
#41
 2,4,6-Tribromophenol
 Concen: 18.282 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100987.D
 Acq: 29 Nov 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 22670
 Ion Ratio Lower Upper
 330 100
 332 100.1 77.0 115.6
 141 31.5 29.9 44.9

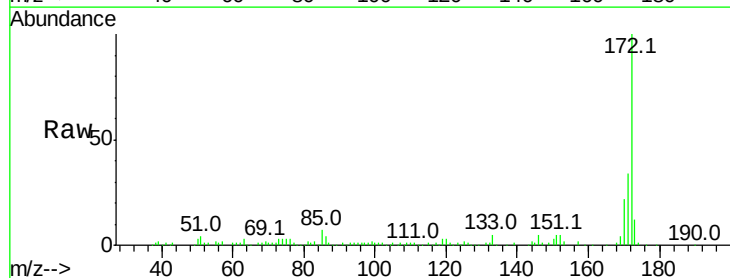


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

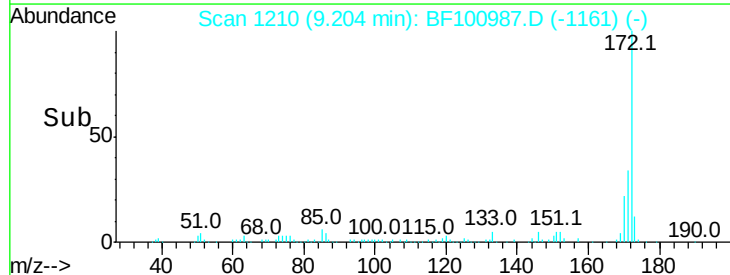
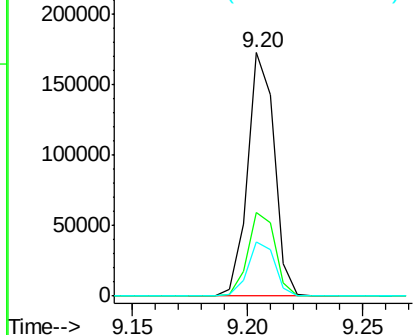


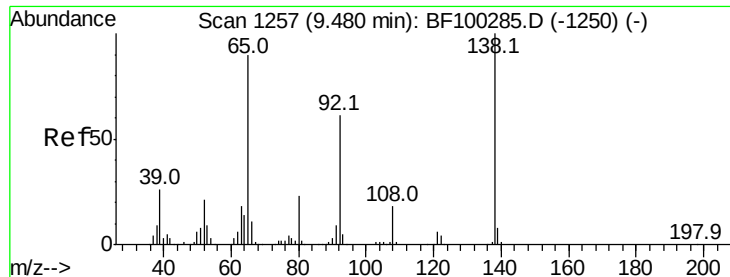
#44
 2-Fluorobiphenyl
 Concen: 17.560 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF100987.D
 Acq: 29 Nov 2017 19:25

Tgt Ion:172 Resp: 140331
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.7 44.5
 170 22.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#47

2-Nitroaniline

Concen: 2.836 ng

RT: 9.45 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF100987.D

Acq: 29 Nov 2017 19:25

Instrument :

BNA_F

ClientSampleId :

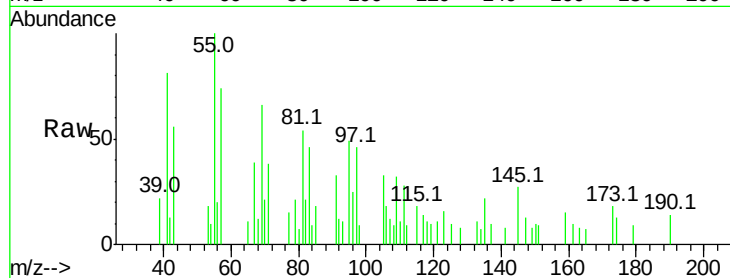
Tot Ion: 65 Resp: 124

Ion Ratio Lower Upper

65 100

92 107.7 55.8 83.6#

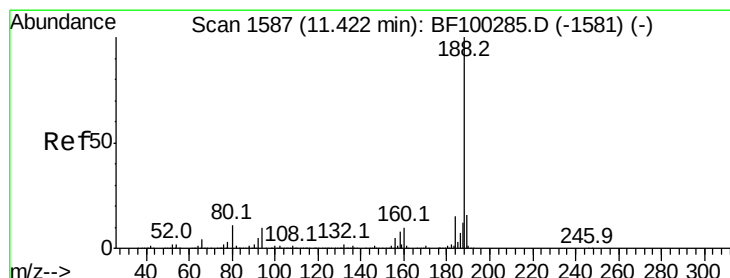
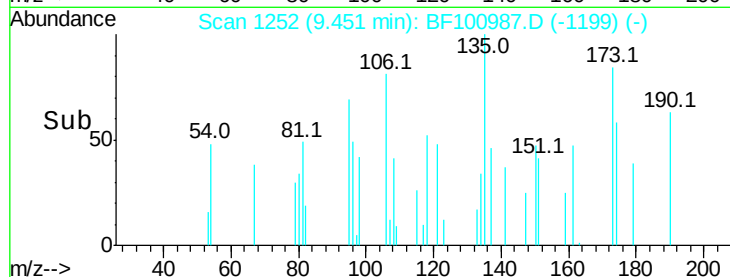
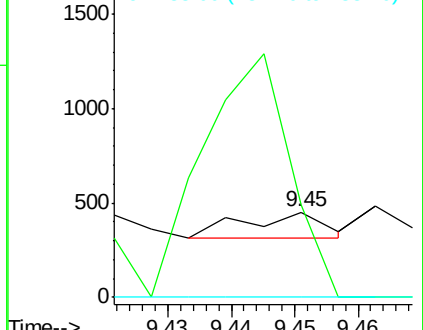
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF100987.D

Acq: 29 Nov 2017 19:25

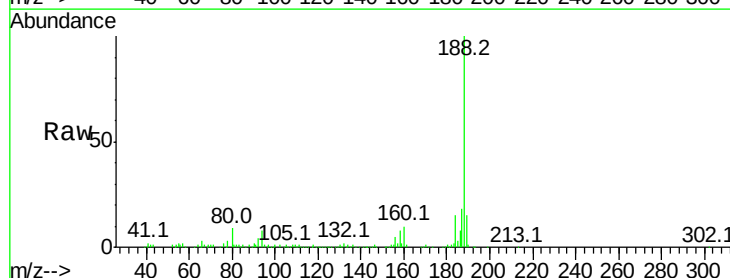
Tgt Ion: 188 Resp: 187421

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

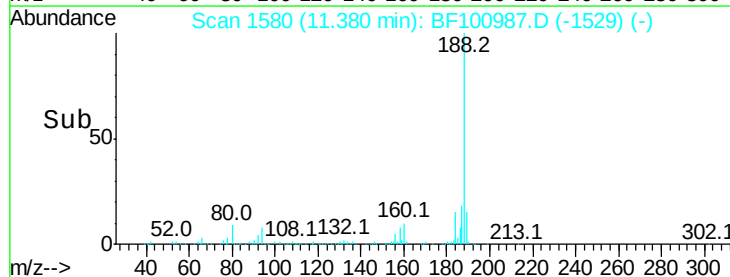
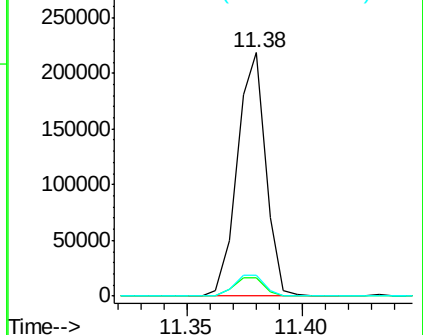
80 8.6 9.2 13.8#

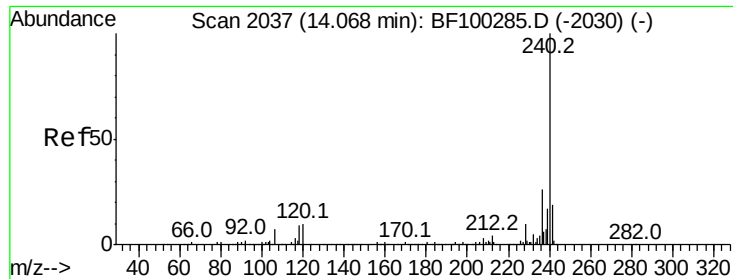


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100987.D

Acq: 29 Nov 2017 19:25

Instrument :

BNA_F

ClientSampleId :

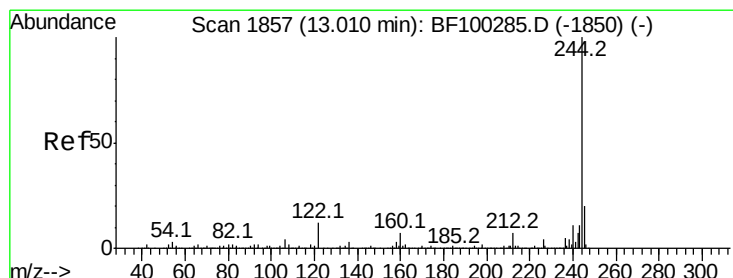
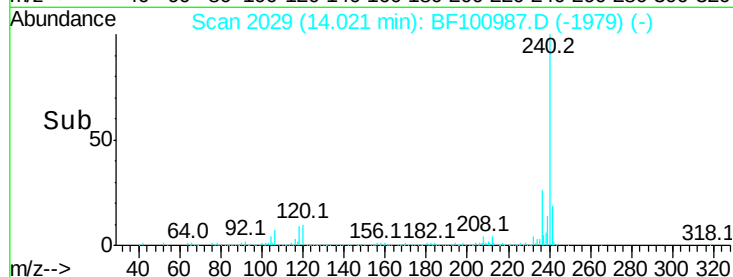
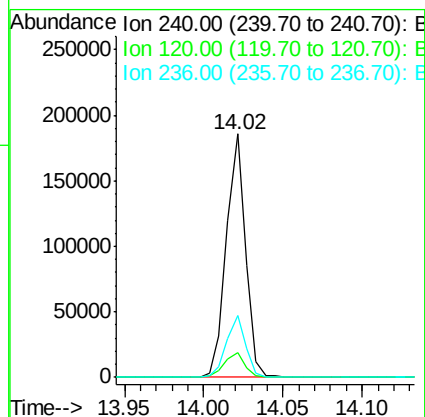
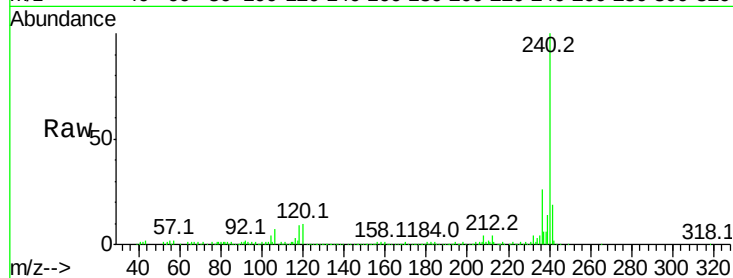
Tot Ion:240 Resp: 155814

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

236 25.6 20.7 31.1



#78

Terphenyl-d14

Concen: 14.601 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100987.D

Acq: 29 Nov 2017 19:25

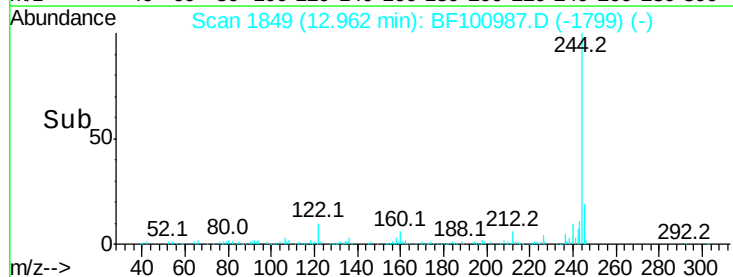
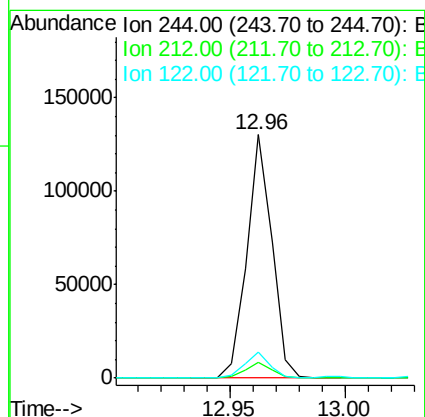
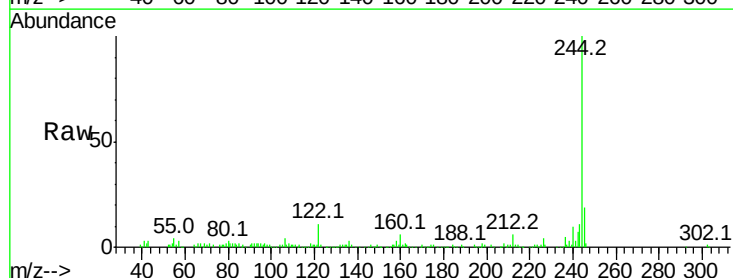
Tgt Ion:244 Resp: 99012

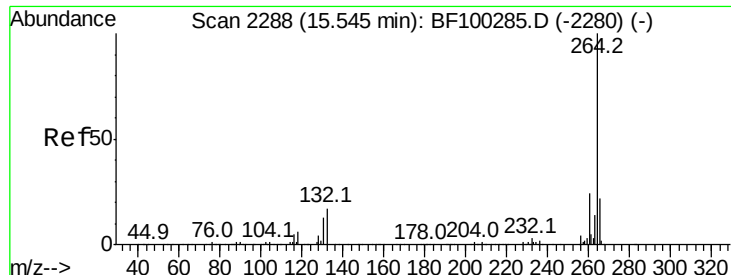
Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 10.5 11.0 16.4#

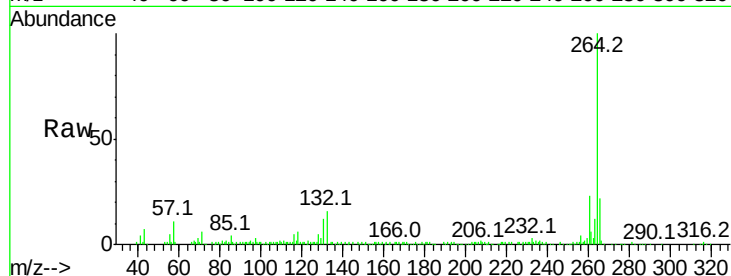




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BF100987.D
 Acq: 29 Nov 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	117167
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.2	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

